

Remarks

Claims 1-8, 10-11, 17, 18, and 21-26 are in the application. Claims 9, 12-16, and 19 have been cancelled by this amendment.

By this amendment, claims 1, 4, and 17 have been amended to more particularly set-out applicants' invention. Cancelled claims 3 and 19 support the changes to claims 1 and 17 respectively. Claim 4 has been amended to reflect proper antecedent basis from claim 1.

Also, FIGS. 1 and 3 have been amended per the attached Replacement Sheets 1/5 and 2/5. In particular, the reference line for the lower element 12 in FIG. 1 has been pulled down to correctly reference the intended area as supported by the other elements 12. Additionally, element number 57 at the bottom of the FIG. 3 has been corrected to read as element 51. The other elements 51 referenced in FIG. 3 support the change to FIG. 3.

In addition, the specification has been amended to correct an inadvertent paragraphing error between paragraph [0021] and previous paragraph [0022]. Also, paragraph [0009] has been amended to correct a minor typographical error.

Further, new claims 21-26 have been added. Cancelled claim 12, FIG. 3, FIG. 4, FIG. 5, and FIG. 6 support new claim 21. Cancelled claim 13 supports new claim 22, claim 8 supports new claim 23, claim 4 supports new claim 24, claim 5 supports new claim 25, and claim 11 supports new claim 26. Applicants respectfully believe that no new matter has been added by this amendment.

Response to Drawing Objection

Claim 3 was objected to because the drawings did not show a second source region formed in the doped region, and wherein the conductive layer is coupled to the second source region.

Applicants have amended FIG. 3 per the enclosed Replacement Sheet 3/5 to correct an element numbering error as described above. From FIG. 3, it should now be more clear that source metal layer 51 is coupled to more than one source regions 34. In view of this correction, applicants respectfully believe that their drawings are in compliance with 37 CFR 1.83(a).

Claim Objections

Applicants have made the Examiner's suggested changes to claim 1, and appreciate his assistance. Applicants respectfully believe that their claims now meet the requirements of 35 U.S.C. §112, second paragraph.

Allowable Subject Matter

Applicants have amended claim 1 to incorporate objected to claim 9, and have amended claim 17 to incorporate objected to claim 19. In view page 8 of the present Office Action, applicants respectfully believe that claims 1-8, 10-11, 17-18 and 20 are now in condition for allowance.

New Claims 21-26

Applicants respectfully submit that new claim 21 is allowable over the cited references because none of the references show or suggest a dielectric layer formed over a body

of semiconductor material, wherein the dielectric layer vertically separates first and second conductive layers.

New claims 22-26 depend from claim 21 and are believed allowable for at least the same reasons as claim 21.

Applicants respectfully believe that no fee is due for new claims 21-26 in view of cancelled claim 9, 11-16, and 19. However, the Commissioner is hereby authorized to charge any fees due or credit any overpayment to Deposit Account 501086.

In view of all the above, it is believed that the balance of the claims are allowable, and the case is in condition for allowance, which action is earnestly solicited.

Respectfully submitted,

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Amendments to Drawings

Please amend FIGs. 1 and 3 per the enclosed Replacement Sheets 1/5 and 2/5. In particular, the reference line for the lower element 12 has been pulled down to correctly reference the intended area as supported by the other elements 12. Additionally, element number 57 at the bottom of the FIG. 3 has been corrected to read as element 51.